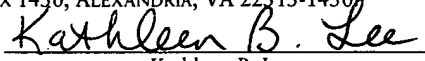


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HRYHORY T. KOBA et al.	Examiner:
Serial No.: 10/687,158	Group Art Unit:
Filed: October 16, 2003	
For: METHOD OF LASER CLEANING SURFACES ON A HEAD SUSPENSION	Docket No. 17310-281350

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT, ON DECEMBER 31, 2003, THIS PAPER IS BEING
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Kathleen B. Lee

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty imposed by 37 C.F.R. 1.56, and in accordance with C.F.R. sections 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Consideration of each of the documents listed on the attached 1449 form(s) is respectfully requested. The filing of this information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is construed to be, prior art to the present application. Pursuant to the provisions of M.P.E.P. 609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Copies of the listed U.S. Patent documents have been omitted in accordance with the waiver of requirements of 37 C.F.R. § 1.98 (a)(2)(i) by the United States Patent and Trademark Office.

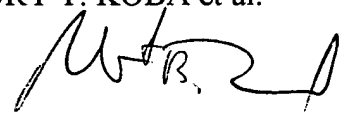
No fee is deemed necessary for the entry of this Information Disclosure Statement. Should any fee be required, the Commissioner is authorized to charge our Deposit Account No. 06-0029 and notify us of the same.

Respectfully Submitted,

HRyhORY T. KOBA et al.

Dated: December 31, 2003

By:


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Minneapolis, MN 55402-3901
612/766-8578



December 31, 2003
Page 1 of 1

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No.	Serial No.
	17310-281350	10/687,158
	Applicant	
	HRYHORY T. KOBA et al.	
	Filing Date	Group
	October 16, 2003	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date MM/DD/YY	Name	Class	Subclass	Filing Date If Appropriate
	4,671,848	6/9/87	Miller et al.			
	6,154,952	12/5/00	Tangren			
	6,288,876 B1	9/11/01	Albrecht et al.			
	US20020170892	11/21/02	Lee et al.			

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date MM/DD/YY	Country	Class	Subclass	Translation Yes/No
	JP2000202385	7/25/00	Japan			
	JP2000288496	10/17/00	Japan			
	WO 91/01514	2/7/91	PCT			

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Walters et al., <i>Advanced Technology Cleaning Methods for High-Precision Cleaning of Guidance System Components</i> , 1993, (Article)
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.